

ABSTRACT

ANTIBODY AND CHEMOKINE CONSTRUCTS AND THEIR USE IN THE TREATMENT OF INFECTIONS AND IMMUNOLOGICAL DISEASES

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The invention is directed to chimeric polypeptides, e.g., bispecific antibodies, comprising a chemokine receptor binding domain and a T cell surface polypeptide or cell toxin binding domain, nucleic acids that encode them, and methods of making and using them. The chimeric polypeptides of the invention can include, be bound to, or attached to, a cell toxin. The invention is also directed to pharmaceutical compositions and methods for making and using them, including the treatment of immunological disorders, such as autoimmune diseases, and for the targeted elimination of cells, e.g., T lymphocytes and other cells latently infected with a primate immunodeficiency virus, such as a human immunodeficiency virus, e.g., HIV-1.

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